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(54) **MATERIAL FOR GASKET**(71) Applicant: **NICHIAS CORPORATION**, Tokyo (JP)(72) Inventors: **Takumi Arisawa**, Tokyo (JP); **Hideharu Aoyagi**, Tokyo (JP); **Kenichiro Ishikawa**, Tokyo (JP)(73) Assignee: **NICHIAS CORPORATION**, Tokyo (JP)

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(58) **Field of Classification Search**

None

See application file for complete search history.

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*Primary Examiner — Ramsey Zacharia**(74) Attorney, Agent, or Firm — Griffin and Szipl PC*(57) **ABSTRACT**

A material for a gasket, wherein a chromate or non-chromate film, a phenol resin primer layer and a polyol-crosslinkable fluororubber layer are formed on one or both surfaces of a steel plate in this sequence from the side of the steel plate; the polyol-crosslinkable fluororubber layer is a rubber layer obtained by applying a fluororubber composition that comprises fluororubber, a polyol-based cross-linking agent, an amine-based cross-linking accelerator and silica to the phenol resin primer layer, followed by heating; and the amine-based cross-linking accelerator is a tertiary amine or a salt of a tertiary amine obtained by a reaction between a tertiary amine and an acid. Provided is a material for a gasket mounted in an engine of a vehicle that, in the actual use environment, does not suffer rubber peeling in a part where it contacts water or an anti-freezing solution even if the gasket is used in a state where it contacts different types of metals and, in a sealing part around a combustion room, abrasion or ply separation of a rubber layer hardly occurs.

8 Claims, No Drawings